IN THE CLAIMS:

Please amend Claims 1, 11, 21, 22, 31, 40, 41, 50 and 59 as shown below.

The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A recording apparatus for attaching, to a set of binary data, meta-data as information identifying ~~related to~~ the set of binary data, the apparatus ~~characterized by~~ comprising:

meta-data generation means for generating ~~the~~ meta-data;

binary data generation means for generating plural sets of ~~the~~ binary data to which the generated meta-data is to be attached; and

meta-data attaching means for attaching the same meta-data generated by said meta-data generation means to the plural sets ~~a plurality~~ of binary data generated by said binary data generation means ~~to generate binary data having meta-data.~~

2. (Currently amended) The recording apparatus according to claim 1, characterized by further comprising storage means for storing the binary data having meta-data output ~~outputed~~ by said meta-data attaching means.

3. (Currently amended) The recording apparatus according to claim 1, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data output ~~outputed~~ by said meta-data attaching means in a detachable storage medium or external device.

4. (Original) The recording apparatus according to claim 2, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data stored in said storage means in a detachable storage medium or external device.

5. (Original) The recording apparatus according to claim 1, characterized in that

said apparatus further comprises meta-data loading means for loading meta-data stored in advance in a detachable storage medium or external device, and

said meta-data attaching means attaches the meta-data loaded by said meta-data loading means to the binary data to generate the binary data having meta-data.

6. (Original) The recording apparatus according to claim 1, characterized in that

said apparatus further comprises binary data loading means for loading binary data stored in a first detachable storage medium or external device, and

said meta-data attaching means attaches the meta-data to the binary data loaded by said binary data loading means , to generate the binary data having meta-data.

7. (Currently amended) The recording apparatus according to claim 6, characterized by further comprising binary-data having meta-data write means for writing

the binary data having meta-data <u>output</u> ~~outputed~~ by said meta-data attaching means in the first storage medium as a loading source of the binary data.

8. (Original) The recording apparatus according to claim 6, characterized by further comprising binary-data having meta-data write means for writing the binary data having meta-data stored in said storage means in the first storage medium as a loading source of the binary data.

9. (Original) The recording apparatus according to claim 1, characterized in that said meta-data attaching means embeds the meta-data to a predetermined position of the binary data.

10. (Original) The recording apparatus according to claim 1, characterized in that said meta-data attaching means attaches only information representing a file name of the meta-data or a location of the meta-data to a predetermined position of the binary data.

11. (Currently amended) A recording method of attaching, to <u>a set of</u> binary data, meta-data as information <u>identifying</u> ~~related to~~ the <u>set of</u> binary data, <u>the method</u> ~~characterized by~~ comprising:

a meta-data generation step of generating ~~the~~ meta-data;

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a binary data generation step of generating <u>plural sets of</u> ~~the~~ binary data to which the <u>generated</u> meta-data is to be attached; and

a meta-data attaching step of attaching the same meta-data <u>generated by said meta-data generation step</u> to <u>the plural sets</u> ~~a plurality~~ of binary data generated in the binary data generation step ~~to generate binary data having meta-data~~.

12. (Currently amended) The recording method according to claim 11, characterized by further comprising the storage step of storing the binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step.

13. (Currently amended) The recording method according to claim 12, characterized by further comprising the binary data having <u>a</u> meta-data write step of writing the binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step in a detachable storage medium or external device.

14. (Original) The recording method according to claim 12, characterized by further comprising the binary data having meta-data write step of writing the binary data having meta-data stored in the storage step in a detachable storage medium or external device.

15. (Original) The recording method according to claim 11, characterized in that

said recording method further comprises the meta-data loading step of loading meta-data stored in advance in a detachable storage medium or external device, and

the meta-data attaching step comprises attaching the meta-data loaded in the meta-data loading step to the binary data to generate the binary data having meta-data.

16. (Original) The recording method according to claim 11, further characterized in that

the recording method further comprises binary data loading step of loading the binary data stored in a first detachable storage medium or external device, and

the meta-data attaching step comprises attaching the meta-data to the binary data loaded in the binary data loading step to generate the binary data having meta-data.

17. (Currently amended) The recording method according to claim 16, characterized by further comprising the binary-data having meta-data write step of writing the binary data having meta-data output ~~outputted~~ by the meta-data attaching step in the first detachable storage medium as a loading source of the binary data.

18. (Original) The recording method according to claim 16, characterized by further comprising the binary-data having meta-data write step of writing the binary data having meta-data stored in the storage step in the first detachable storage medium as a loading source of the binary data.

19. (Original) The recording method according to claim 11, characterized in that the meta-data attaching step comprises embedding the meta-data to a predetermined position of the binary data.

20. (Original) The recording method according to claim 11, characterized in that the meta-data attaching step comprises attaching only information representing a file name of the meta-data or a location of the meta-data to a predetermined position of the binary data.

21. (Currently amended) A storage medium which stores a processing program for attaching, to a set of binary data, meta-data as information identifying related to the set of binary data, the processing program comprising:

a meta-data generation step of generating the meta-data;

a binary data generation step of generating plural sets of the binary data to which the generated meta-data is to be attached; and

a meta-data attaching step of attaching the same meta-data generated by said meta-data generation step to the plural sets a plurality of binary data generated in the binary data generation step to generate binary data having meta-data.

22. (Currently amended) A recording apparatus for attaching, to a set of binary data, meta-data as information identifying related to the set of binary data, the apparatus characterized by comprising:

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meta-data generation means for generating ~~the~~ meta-data;

binary data loading means for loading <u>plural sets of</u> ~~the~~ binary data to which the <u>generated</u> meta-data is to be attached from a first detachable storage medium or external device; and

meta-data attaching means for attaching the same meta-data <u>generated by</u> <u>said meta-data generation means</u> to <u>the plural sets</u> ~~a plurality~~ of binary data loaded by said binary data loading means ~~to generate binary data having meta-data~~.

23. (Original) The recording apparatus according to claim 22, characterized by further comprising storage means for storing the binary data having meta-data outputted by said meta-data attaching means.

24. (Original) The recording apparatus according to claim 22, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data output from said meta-data attaching means in the first detachable storage medium or external device as a loading source of the binary data.

25. (Original) The recording apparatus according to claim 22, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data output from said meta-data attaching means in a second detachable storage medium or external device different from a loading source of the binary data.

26. (Original) The recording apparatus according to claim 23, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data stored in said storage means in the first storage medium as a loading source of the binary data.

27. (Original) The recording apparatus according to claim 23, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data stored in said storage means in a second detachable storage medium or external device different from a loading source of the binary data.

28. (Original) The recording apparatus according to claim 22, further characterized in that

said recording apparatus further comprises loading means for-loading meta-data stored, in advance, in a detachable storage medium or external device, and

said meta-data attaching means attaches the meta-data loaded by said meta-data loading means to the binary data.

29. (Original) The recording apparatus according to claim 22, characterized in that said meta-data attaching means embeds the meta-data to a predetermined position of the binary data.

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30. (Original) The recording apparatus according to claim 22, characterized in that said meta-data attaching means attaches only information representing a file name of the meta-data or a location of the meta-data to a predetermined position of the binary data.

31. (Currently amended) A recording method of attaching, to ~~a set of~~ binary data, meta-data as information identifying ~~related to~~ the ~~set of~~ binary data, the method ~~characterized by~~ comprising:

a meta-data generation step of generating ~~the~~ meta-data;

a binary data loading step of loading plural sets of ~~the~~ binary data to which the generated meta-data is to be attached from a first detachable storage medium or external device; and

a meta-data attaching step of attaching the same meta-data generated in said meta-data generation step to the plural sets ~~a plurality~~ of binary data loaded in the binary data loading step ~~to generate binary data having meta-data~~.

32. (Original) The recording method according to claim 31, characterized by further comprising a storage step of storing the binary data having meta-data output in the meta-data attaching step.

33. (Currently amended) The recording method according to claim 31, characterized by further comprising a binary-data having meta-data write step of writing a

binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step in the first storage medium as a loading source of the binary data.

34. (Currently amended) The recording method according to claim 31, characterized by further comprising the binary-data having meta-data write step of writing the binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step in a second detachable storage medium or external device different from a loading source of the binary data.

35. (Original) The recording method according to claim 32, characterized by further comprising the binary data having meta-data write step of writing the binary data having meta-data stored in the storage step in the first detachable storage medium as a loading source of the binary data.

36. (Original) The recording method according to claim 32, characterized by further comprising binary data having meta-data write step of writing the binary data having meta-data stored in the storage step in a second detachable storage medium or external device different from a loading source of the binary data.

37. (Original) The recording method according to claim 31, characterized in that

the recording method further comprises a loading step of loading meta-data

stored, in advance, in a detachable storage medium or external device, and

the meta-data attaching step comprises attaching the meta-data loaded in the

meta-data loading step to the binary data.

38. (Original) The recording method according to claim 31, characterized in

that the meta-data attaching step comprises embedding the meta-data to a predetermined

position of the binary data.

39. (Original) The recording method according to claim 31, characterized in

that the meta-data attaching step comprises attaching only information representing a file

name of the meta-data or a location of the meta-data to a predetermined position of the

binary data.

40. (Currently amended) A storage medium which stores a processing

program for attaching, to a set of binary data, meta-data as information identifying related

to the set of binary data, the processing program comprising:

a meta-data generation step of generating the meta-data;

a binary data loading step of loading plural sets of the binary data to which

the generated meta-data is to be attached from a first detachable storage medium or

external device; and

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a meta-data attaching step of attaching the same meta-data <u>generated by the meta-data generation step</u> to <u>the plural sets</u> ~~a plurality~~ of binary data loaded in the binary data loading step ~~to generate binary data having meta-data~~.

4<u>1</u>. (Currently amended) A recording apparatus for attaching, to <u>a set of</u> binary data, meta-data as information <u>identifying</u> ~~related to~~ the <u>set of</u> binary data, <u>the</u> apparatus ~~characterized by~~ comprising:

meta-data loading means for loading ~~the~~ meta-data from a first detachable storage medium or external device;

binary data generation means for generating <u>plural sets of</u> ~~the~~ binary data <u>to which the loaded meta-data is to be attached</u>; and

meta-data attaching means for attaching the same meta-data loaded by said meta-data loading means to <u>the plural sets</u> ~~a plurality~~ of binary data generated by said binary data generation means ~~to generate binary data having meta-data~~.

42. (Currently amended) The recording apparatus according to claim 41, characterized by further comprising storage means for storing the binary data having meta-data <u>output</u> ~~outputed~~ by said meta-data attaching means.

43. (Original) The recording apparatus according to claim 41, characterized by further comprising binary data having meta-data write means for writing the binary data

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having meta-data output from said meta-data attaching means in the first storage medium or external device as a loading source of the meta-data.

44. (Currently amended) The recording apparatus according to claim 41, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data output ~~outputed~~ by said meta-data attaching means in a second detachable storage medium or external device different from a loading source of the binary data.

45. (Original) The recording apparatus according to claim 41, characterized by further comprising binary-data having meta-data write means for writing the binary data having meta-data stored in said storage means in the first detachable storage medium as a loading source of the meta-data.

46. (Original) The recording apparatus according to claim 41, characterized by further comprising binary data having meta-data write means for writing the binary data having meta-data stored in said storage means in a second detachable storage medium or external device different from a loading source of the meta-data.

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47. (Original) The recording apparatus according to claim 41, characterized in that

said apparatus further comprises binary data loading means for loading binary data stored in advance in a detachable storage medium or external device, and said meta-data attaching means attaches the meta-data loaded by said meta-data loading means to the binary data to generate the binary data having meta-data.

48. (Original) The recording apparatus according to claim 41, characterized in that said meta-data attaching means embeds the meta-data to a predetermined position of the binary data.

49. (Original) The recording apparatus according to claim 41, characterized in that said meta-data attaching means attaches only information representing a file name of the meta-data or a location of the meta-data to a predetermined position of the binary data.

50. A recording method of attaching, to a set of binary data, meta-data as information identifying related to the set of binary data, the method characterized by comprising:

a meta-data loading step of loading the meta-data from a first detachable storage medium or external device;

a binary data loading step of loading <u>plural sets of</u> ~~the~~ binary data<u>, to which</u>

<u>the loaded meta-data is to be attached,</u> from the first detachable storage medium or external

device; and

a meta-data attaching step of attaching the same meta-data loaded in the

meta-data loading step to <u>the plural sets</u> ~~a plurality~~ of binary data loaded in the binary data

loading step ~~to generate binary data having meta-data~~.

51. (Currently amended) The recording method according to claim 50,

characterized by further comprising the storage step of storing the binary data having

meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step.

52. (Currently amended) The recording method according to claim 50,

characterized by further comprising the binary data having meta-data write step of writing

the binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step in the first

storage medium or external device as a loading source of the binary data.

53. (Currently amended) The recording method according to claim 50,

characterized by further comprising the binary data having meta-data write step of writing

the binary data having meta-data <u>output</u> ~~outputed~~ by the meta-data attaching step in a

second detachable storage medium or external device different from a loading source of the

binary data.

54. (Original) The recording method according to claim 50, characterized by further comprising the binary data having meta-data write step of writing the binary data having meta-data stored in the storage step in the first storage medium as a loading source of the binary data.

55. (Original) The recording method according to claim 50, characterized by further comprising the binary data having meta-data write step of writing the binary data having meta-data stored in the storage step in a second detachable storage medium or external device different from a loading source of the binary data.

56. (Original) The recording method according to claim 50, characterized in that

said method further comprises the binary data loading step of loading binary data stored, in advance, in a detachable storage medium or external device, and

the meta-data attaching step comprises attaching the meta-data loaded in the meta-data loading step to the binary data to generate the binary data having meta-data.

57. (Original) The recording method according to claim 50, characterized in that the meta-data attaching step comprises embedding the meta-data to a predetermined position of the binary data.

58. (Original) The recording method according to claim 50, characterized in that the meta-data attaching step comprises attaching only information representing a file name of the meta-data or a location of the meta-data to a predetermined position of the binary data.

59. (Currently amended) A storage medium which stores a processing program for attaching, to a set of binary data, meta-data as information identifying ~~related~~ to the set of binary data, the processing program comprising:

a meta-data loading step of loading ~~the~~ meta-data from a first detachable storage medium or external device;

a binary data loading step of loading plural sets of ~~the~~ binary data, to which the loaded meta-data is to be attached, from the first detachable storage medium or external device; and

a meta-data attaching step of attaching the same meta-data loaded in the meta-data loading step to the plural sets ~~a plurality~~ of binary data loaded in the binary data loading step ~~to generate binary data having meta-data~~.

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